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## (54) SIGNAL CODING METHOD AND DEVICE, AND DECODING METHOD AND DEVICE

## (57) Abstract:

**PROBLEM TO BE SOLVED:** To provide a method and device that uses a conversion basis so as to conduct further efficient coding and decoding.

**SOLUTION:** The method for converting a coding object signal according to a conversion rules to code the converted signal includes a 1st processing step of acquiring a signal in correlation with the coding object signal as a reference signal, a 2nd processing step of working out the conversion basis being the basis of conversion rules on the basis of the characteristic of the acquired reference signal, and a 3rd processing step of converting the coding object signal according to the conversion rules on the basis of the introduced conversion basis to code the converted coding object signal.

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本発明の第 1 の実施の形態に係る符号化装置の概略図

